

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

Complete if Known

Application Number	09/865,944
Filing Date	05/24/2001
First Named Inventor	C. VENKATRAMAN
Art Unit	2142
Examiner Name	Harrell, R. B.
Attorney Docket Number	10960787-12

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,715,823	02/1998	Wood et al.	
		US- 5,721,908	02/1998	Lagarde et al.	
		US- 5,165,018	11/1992	Simor	
		US- 5,299,304	03/1994	Williams et al.	
		US- 5,421,009	05/1995	Platt	
		US- 5,491,796	02/1996	Wanderer et al.	
		US- 5,509,123	04/1996	Dobbins et al.	
		US- 5,530,842	06/1996	Abraham et al.	
		US- 5,530,852	06/1996	Meske, Jr. et al.	
		US- 5,550,561	08/1996	Ziarno	
		US- 5,572,643	11/1996	Judsonj	
		US- 5,590,197	12/1996	Chen et al.	
		US- 5,600,831	02/1997	Levy et al.	
		US- 5,649,186	07/1997	Ferguson	
		US- 5,696,901	12/1997	Konrad	
		US- 5,742,762	04/1998	Scholl et al.	
		US- 5,956,487	09/1999	Venkatraman et al.	
		US- 5,973,696	10/1999	Agranat et al.	
		US- 5,991,802	11/1999	Allard et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/865,944
Filing Date	05/24/2001
First Named Inventor	C. VENKATRAMAN
Art Unit	2142
Examiner Name	Harell, R. B.
Attorney Docket Number	10960787-12

Sheet 2 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,996,010	11/1999	Leong et al.	
		US- 6,052,710	04/2000	Saliba et al.	
		US- 6,067,558	02/2000	Wendt et al.	
		US- 6,101,328	8/2000	Bakashi et al.	
		US- 6,139,177	10/2000	Venkatraman et al.	
		US- 6,170,007	01/2001	Venkatraman et al.	
		US- 6,182,094	01/2001	Humpleman et al.	
		US- 6,198,479	03/2001	Humpleman et al.	
		US- 6,112,235	08/2000	Spofford	
		US- 6,529,936	03/2003	Mayo et al.	
		US- 6,618,754	09/2003	Gosling	
		US- 5,838,906	11/1998	Doyle et al.	
		US- 5,390,385	02/1995	Beldham	
		US- 4,689,022	08/1987	Peers et al.	
		US- 6,818,754	11/2004	Boyle et al.	
		US- 6,209,408	03/2001	Wolff	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

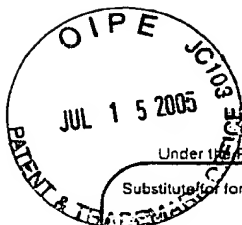
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of

4

Complete if Known

Application Number	09/865,944
Filing Date	05/24/2001
First Named Inventor	C. Venkatraman
Art Unit	2142
Examiner Name	HARRELL, Robert B
Attorney Docket Number	10960787-12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Tom Williams, Senior Editor, "Software & Development Tools: Design Trends - Java goes to work controlling networked embedded systems", 1996 pp.36-37, Computer Design	
		Thomas Conrad's TCVG050 LAN Hub, "Weaving the Management Web", 1996, vol. 1, pp. 92 & 94, Data Communication (8178)	
		An information management System for engineering design based on hypertext by Brauer et al., Oct 1991, IEEE Publication, pp. 189-193	
		Jeng et al. "Network management platform approach and its application-KView II," Proceedings of the 1994 Conference on Local Computer Networks, Pages:417-424.	
		Coleman, J.P.H. "An investigation into integrating hypertext and messengers," Proceedings of 1995 IEEE Singapore International Conf. on Info. Eng., Theme: pp. 181-184	
		Building a hypermedia information system on the internet by Lau, Feb 1994, IEEE publication, pp. 192-197	
		Dr. Rose Mazhindu-Shumba, Towards the Clarification of the Object-Oriented Concept, The 1st Information Technology Conf. Dec. 1995, Nairobi, Kenya, 5 pages	
		Richard A. Quinnell, Tech ed, Java Perks up Embedded Systems, EDN Access for Design, by Design, Aug 1997, 7 pages	
		Ian Agranat, Engineering Web Technologies for Embedded Applications, IEEE, Internet Computing, vol. 2, Iss. 3, June 1998, pp. 40-45	

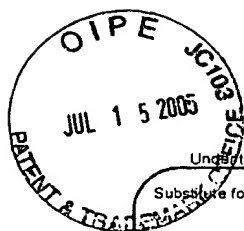
Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 4

Application Number**Complete if Known**

09/865,944

Filing Date

05/24/2001

First Named Inventor

C. Venkatraman

Art Unit

2142

Examiner Name

HARRELL, Robert B.

Attorney Docket Number

10960787-12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Duffy, Jim, "Tribe defines net management role for Web browser software" Network World, Alameda, CA, May 22, 1995, pp. 14	
		Dryden, Patrick, "Tribe's WebManage enables remote fixes" Computerworld, May 22, 1995 pp. 14	
		Wilder, Clinton, "Running Nets Via the Web: Tribe's WebManage uses popular interface" Informationweek, May 29, 1995 pp.62	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.